

WHERE INDICATED ON ALL LIGHTING PLANS, CONTRACTOR TO PROVIDE ALTERNATE DEDUCT PRICING AS FOLLOWS:

- CHANGE D1 to B1a (Provide Dimming ballast where indicated)
- CHANGE D2 to B2a (Provide Dimming ballast where indicated)
- CHANGE D3 to B3a (Provide Dimming ballast where indicated)
- CHANGE D4 to B4a (Provide Dimming ballast where indicated)
- CHANGE D5 to B5a (Provide Dimming ballast where indicated)
- CHANGE D6 to B6a (Provide Dimming ballast where indicated)

TYPICAL ALL SHEETS:  
DESIGN BASED AROUND LIGHT AND SENSOR SWITCH CONTROLS (RE: SPECIFICATION SECTION 260923 & 260923.02) OR EQUAL BY:  
1. WATT STOPPER / DIM SERIES  
2. LEVITON IRC / COOPER GREENGATE  
3. DOUGLAS LIGHTING CONTROLS  
WIDIALOG ROOM CONTROLLER

**IMPORTANT PROJECT NOTICE:**

- BACKGROUNDS PROVIDED BY OTHERS. DUE TO EXISTING MECHANICAL WORKING BEING PERFORMED AT THE TIME OF THIS DESIGN, IT IS THE CONTRACTORS RESPONSIBILITY TO WALK EACH FLOOR, ROOM BY ROOM WITH OWNER PRIOR TO COMMENCING WORK AND NOTE ANY LIGHTING ADJUSTMENT THAT NEED TO BE MADE BASED ON NEW WORK LIGHTING LAYOUT.
- IN A SINGLE ROW, ONLY ONE LIGHT FIXTURE CAN MOVE MAX. OF 24" FROM ANY OTHER FIXTURE. IF TWO FIXTURES ARE SPACED/MOVED MORE THAN 24" FOR A TOTAL OF 48" A NEW PHOTOMETRIC PLAN WILL NEED TO BE GENERATED TO DETERMINE IF ADDITIONAL LIGHT FIXTURES NEED TO BE ADDED OR REPLACED WITH DIFFERENT FIXTURE TYPES.

**ARCHITECTURAL GENERAL NOTE** TYPICAL FOR ALL NEW WORK SHEETS

- CONTRACTOR SHALL PROVIDE AND INSTALL NEW ACOUSTIC CEILING TILE AND GRID TO MATCH EXISTING WHERE REQUIRED TO ACCOMMODATE NEW LIGHT LOCATIONS.

**GENERAL NOTES** TYPICAL FOR ALL NEW WORK SHEETS

- CONNECT EXIT AND EMERGENCY LIGHTS TO HOT LEG, NOT SWITCH LEG.
- WHERE MORE THAN ONE SWITCH IS INDICATED ON DRAWINGS SIDE BY SIDE, CONTRACTOR SHALL INSTALL SWITCHES UNDER ONE COMMON FACE PLATE.
- OUTLINE INDICATES LIGHTING ZONE CIRCUITRY LIMITS. IT'S THE CONTRACTORS DISCRETION HOW TO ROUTE CONDUIT AND WIRING BETWEEN FIXTURES.
- WHEN SWITCHING IS INDICATED IT IS THE INTENT OF THE DRAWING TO INDICATE CONTROL OF THE FIXTURES IN THE ROOM THAT THE SWITCH IS LOCATED IN WHEN MORE THAN ONE SWITCH IS INDICATED, SUBSCRIPTS a, b, etc. WILL BE USED.
- CONTRACTOR TO PROVIDE AND INSTALL NEW SUPPORT WIRES TO ALL NEW FIXTURES.
- CEILING MOTION SENSOR ARE SHOWN TO PROVIDE DESIGN INTENT (SHEETS E201A, E202A & E203A). MANUFACTURER AND CONTRACTOR ARE RESPONSIBLE FOR SENSOR COVERAGE. CONTRACTOR SHALL HAVE FACTORY PROVIDE LAYOUT OF MOTION SENSOR COVERAGE. ADDITIONAL SENSORS MAY BE REQUIRED BASED ON PLACEMENT AND MANUFACTURERS REQUIREMENTS OF SENSOR TO HVAC AIR SUPPLY DISTANCE REQUIREMENTS. IF ADDITIONALLY SENSORS ARE NEEDED AFTER INSTALLATION, THEY SHALL BE PROVIDED AND INSTALLED AT NO ADDITIONAL COST TO THE OWNER.
- FOR COMMISSIONING OF LIGHTING CONTROLS, CONTRACTOR SHALL HAVE FACTORY REPRESENTATIVE ON SITE (4-DAYS) FOR A ROOM BY ROOM COMMISSIONING WITH OWNER, OWNER, CONTRACTOR AND CONTROLS REPRESENTATIVE SHALL WALK SITE WITH LIGHT METER. LIGHT LEVELS SHALL BE ADJUSTED BASED ON 'A' STANDARDS AND OWNER ACCEPTANCE OF LIGHT METER READINGS. CONTRACTOR SHALL RECORD FINAL READINGS AND PROVIDE DOCUMENTATION FOR RECORD DRAWINGS BACK TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH LIGHTING AND CONTROLS MANUFACTURE FOR LED BALLAST AND CONTROLS COMPATIBILITY.

**FLOOR PLAN NOTES**

- REFERENCE LIGHTING CONTROL SHEET AND ROOM CONTROL DETAIL SHEET FOR ADDITIONAL CONTROLS AND INFORMATION.
- FIXTURE IN THIS AREA IS CONTROLLED BY MOTION SENSOR ONLY WITH 50% LIGHT OUTPUT WHEN UNOCCUPIED. WHEN OCCUPIED LIGHT SHALL COME ON TO 100% FULL OUTPUT. UPON EMERGENCY ACTIVATION EMERGENCY BALLAST SHALL OVER-RIDE MOTION SENSOR AND BE POWERED BY THE EMERGENCY BALLAST.
- PROVIDE AND INSTALL SENSOR LIGHT (PDOM-SX-X (ON/OFF-RAISE LOWER BUTTON) DIMMING WALL SWITCH.
- ROUGH-IN AND PROVIDE AND INSTALL SENSOR LIGHT (PDOM-SX-X (ON/OFF-RAISE LOWER BUTTON) DIMMING WALL SWITCH.
- INSTALL NEW LOW VOLTAGE LED MINI COVE LIGHT COMPLETELY AROUND THE MIRROR. INSTALL DRIVE ABOVE ACCESSIBLE CEILING. CONNECT TO EXISTING LIGHT CIRCUIT MAINTAIN DURING DEMOLITION WORK.
- HALLROOM CONTROLLED BY MOTION SENSOR ONLY.
- INSTALL NEW EXTERIOR FIXTURE OVER EXISTING LOCATION.
- RECONNECT TO NEW LIGHTING IN THIS AREA TO EXISTING LIGHTING CONTROLS.
- PROVIDE AND INSTALL A-19 LED, 10 WATT LIGHT IN EXISTING LAMP HOLDER.
- PROVIDE AND INSTALL INTERMATIC E215X (HOLD, 15/30/60 MIN 2/4 HOUR) TIMER OR EQUAL BY SENSOR SWITCH TIMER SWITCH.
- PROVIDE AND INSTALL SENSOR LIGHT (PDOM-4L-DX (4-LEVEL PRESET, ON/OFF, RAISE LOWER BUTTON) DIMMING WALL SWITCH.

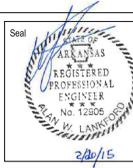
**BASEMENT FLOOR PLAN-LIGHTING NEW WORK**  
SCALE: 1/8"=1'-0"

**SUB-BASEMENT FLOOR PLAN-LIGHTING NEW WORK**  
SCALE: 1/8"=1'-0"

three-eighths inch = one foot  
one-half inch = one foot  
one-quarter inch = one foot  
one-eighth inch = one foot  
one-sixteenth inch = one foot

Revision	Date
100% For Construction	02.20.15

**CONSULTANTS:**  
**Lankford | Fendler and Associates**  
1730 Walnut Street  
Kansas City, MO  
64108  
816.221.1411



**ARCHITECT / ENGINEER:**  
**TOMPKINS ARCHITECTS**  
507 Walnut Street, Suite 200, Kansas City, MO 64106  
p. 816 472.5656 f. 816 472.5637 www.tom-arch.com

Drawing Title  
**BASEMENT & SUB-BASEMENT LIGHTING NEW WORK**

Approved: Project Director

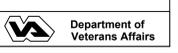
Project Title  
BUILDING 65  
BUILDING DESIGN FOR LIGHTING IMPROVEMENT

Location  
V.A.M.C. NLR DIVISION

Project Number  
VA101V-14C-0104

Building Number  
65

**CENTRAL ARKANSAS VA HEALTH CARE SYSTEM**



**Lankford | Fendler + associates**  
1730 Walnut Street, Kansas City, Missouri 64108  
300 College Boulevard, Suite 200, Overland Park, Kansas 66201  
Phone: 816.221.1411 | Fax: 816.221.4229  
LANKFORD | FENDLER + ASSOCIATES CONSULTING ENGINEERS, INC.  
CORPORATE © 2015 Project No. 4084